

# Mono County Community Development Department

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## Building Division

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[www.monocounty.ca.gov](http://www.monocounty.ca.gov)

## DESIGN CRITERIA

2007 California Building Code

**CLIMATE ZONE:** 16

**FROST DEPTH:** 18" below exterior finished grade minimum

**ALLOWABLE SOIL BEARING:** 2,000 pounds/square foot maximum

**SNOW:** Use Terrain Category B in ASCE7 to determine Exposure Factor,  $C_e$  for all roofs.

Use Thermal Factor  $C_t = 1.1$  for all roofs.

Use Fig. 7-2b graph in ASCE7 and "All Other Surfaces" curve for determination of  $C_s$  if roof meets criteria for slope reduction.

DESERT LOCATION	ELEVATION (ft)	GROUND SNOW LOAD, Pg
		(lbs/sq ft)
Benton	5,400	55
Bridgeport	6,470	65
Chalfant Valley	4,200	55
Coleville	5,100	55
Hammil Valley	4,500	55
Long Valley (east of US 395)	7,000	80
Mono City	6,899	75
Paradise	5,000	55
Tom's Place	7,000	80
Topaz	5,000	55
Walker	5,400	55

MOUNTAIN LOCATION		
Bald Mountain/Arcularius	7,100	150
Convict Lake	7,580	155
Crestview	7,500	150
Crowley Lake	7,000	125
Devil's Gate	7,400	155
June Lake	7,600	155
Lee Vining	6,800	120
Long Valley (west of US 395)	7,000	125
Lundy Lake (lower)	7,000	150
Lundy Lake (upper)	8,000	285
Pickel Meadow	6,800	155
Rancheria Estates	6,600	105
Sonora Junction	6,500	155
Swall Meadows	6,400	100
Swauger Creek	7,500	150
Twin Lakes	7,200	140
Virginia Lakes	9,600	285